

CHOATE, HALL & STEWART
A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

EXCHANGE PLACE
53 STATE STREET
BOSTON, MASSACHUSETTS 02109-2804
TELEPHONE (617) 248-5000 • FAX (617) 248-4000
www.choate.com

03914 U.S.PTO
10/674087



MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail No.: EV 322608140US
Attorney Docket No.: 0492611-0507 (MIT 9926)
Date Filed: September 29, 2003

UTILITY PATENT APPLICATION TRANSMITTAL
(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle) Family Name or Surname Residence

Jianzhu	Chen	17 Stearns Road Apt. #6 Brookline, MA 02456
Herman N.	Eisen	9 Homestead St. Waban, MA 02468
Qing	Ge	55 Harvey St., Apt. 1R Cambridge, MA, 02140

Title of the Invention COMPOSITIONS AND METHODS FOR DELIVERY OF SHORT
INTERFERING RNA AND SHORT HAIRPIN RNA

A) APPLICATION ELEMENTS:

- 1) Fee Transmittal Form (original and duplicate submitted for fee processing)
- 2) Applicant Claims Small Entity Status (see 37 CFR §1.27)
 - a) Statement Verifying Small Entity Status
- 3) Specification

- Descriptive Title of the Invention
- Related Applications
- Background of the Invention
- Summary
- Brief Description of the Drawings
- Description of Certain Preferred Embodiments of the Invention
- Claim(s) (10 pages)
- Abstract of the Invention (1 page)

TOTAL PAGES: 112

- 4) X **Drawing(s)** (35 U.S.C. § 113) TOTAL SHEETS: 22
- a) Formal Drawings (if checked)
- 5) **Oath or Declaration** TOTAL PAGES: 134
- a) Newly Executed (copy)
 - b) Copy from a prior application (37 C.F.R. § 1.63(d))-for continuation/divisional application
 - c) Unexecuted
- 6) **Application Data Sheet.** See 37 CFR 1.76.
- 7) **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
- 8) **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are necessary)
- a) Computer Readable Form (CRF)
 - b) Specification Sequence Listing on:
 - i) CD-ROM or CR-R; or
 - ii) Paper
 - c) Statements verifying identity of above copies
 - d) Amendment Introducing Sequence Listing

B) ACCOMPANYING APPLICATION PARTS:

9) **Assignment Papers**

10) **37 C.F.R. § 3.73(b) Statement**

11) **Power of Attorney**

12) **English Translation Document (if applicable)**

13) **Information Disclosure Statement (IDS)/PTO-1449**

14) **Copies of IDS Citations**

15) **Return Receipt Postcard (MPEP 503) (specifically itemized)**

16) **Certified Copy of Priority Document(s) (if foreign priority is claimed)**

17) **OTHER: (if applicable, specified below)**

C) FOR CONTINUING APPLICATIONS:

CONTINUATION DIVISIONAL CONTINUATION-IN-PART (CIP)

OF PRIOR APPLICATION NO: _____

FILED: _____

EXAMINER: _____

GROUP/ART UNIT: _____

FOR CONTINUATION OR DIVISIONAL APPLICATIONS ONLY: THE ENTIRE DISCLOSURE OF THE PRIOR APPLICATION, FROM WHICH AN OATH OR DECLARATION IS SUPPLIED AS DETAILED ABOVE, IS CONSIDERED A PART OF THE DISCLOSURE OF THE ACCOMPANYING CONTINUATION OR DIVISIONAL APPLICATION AND IS HEREBY INCORPORATED BY REFERENCE.

69/29/03
1985 U.S. PTO

D.) PRIORITY CLAIM(S):

This application claims the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below:

Application Number	Filing Date	Status

PCT Applications designating the United States:

Application Number	Filing Date	Status

This application claims the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Provisional Application(s):

Application Number	Filing Date	Status
60/414,457	September 28, 2002	Pending
60/446,377	February 10, 2003	Pending

E) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

- Applicant claims small entity status 37 CFR §1.27
- A check is enclosed to partially cover the filing fees.
- The Commissioner is hereby authorized to charge additional filing fees or credit any overpayment to Deposit Account Number 03-1721.

Basic Filing Fee (SMALL Entity) \$375.00

Additional Fees:

Total Number of Claims in excess of 20: () x \$9.00 \$

Number of Independent Claims in excess of 3: (- 3 = 181) x \$42 \$

Multiple Dependent Claims (\$140):

Total Fee Enclosed: **\$1,200**

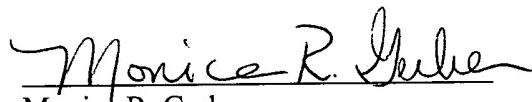
F) CORRESPONDENCE ADDRESS:

Customer Code: **24280**

Correspondence Address:

Monica R. Gerber, M.D., Ph.D.
Choate, Hall & Stewart
53 State Street
Exchange Place
Boston, MA 02109
Telephone: (617) 248-5000
Facsimile: (617) 248-4000

Respectfully Submitted,



Monica R. Gerber
Reg. No. 46,724

PATENT DEPARTMENT
CHOATE, HALL & STEWART
53 State Street
Exchange Place
Boston, MA 02109
Telephone: (617) 248-5000
Facsimile: (617) 248-4000

Date: September 29, 2003